

**To:** Ostrander, David[Ostrander.David@epa.gov]; Garcia, Bert[Garcia.Bert@epa.gov]  
**Cc:** Mitre, Alfreda[Mitre.Alfreda@epa.gov]  
**From:** Vance, Sam  
**Sent:** Thur 8/13/2015 1:58:28 PM  
**Subject:** FW: Sam, Water Activated Bags might remove Toxic waste in Animas River in Colorado ?  
[FloodPreventionKits.jpg](#)  
[FloodPreventionFBbags.jpg](#)  
[FloodPreventionRPD.jpg](#)

Hello Bill,

## Deliberative Process/Ex. 5

Any further inquiry should be directed to the On-Scene Coordinator for this work.

Best Regards,

Sam Vance

**From:** Bill Houlehan [mailto:[oshea4@mindspring.com](mailto:oshea4@mindspring.com)]  
**Sent:** Wednesday, August 12, 2015 5:50 PM  
**To:** Vance, Sam  
**Subject:** Sam, Water Activated Bags might remove Toxic waste in Animas River in Colorado ?

Sam, I do not know for certain that our Water Activated Bags will remove the Toxic waste but if you can give me contact name and address of specialists within FEMA or EPA I will send whatever samples they need to test to see if these can be of immediate use (SAMPLES will be sent at no cost). Sam, we can ship 1,600,000 of these Water Activated bags if they will do what certain College researchers think they will do and if your FEMA Specialists determine that these bags in fact will have an immediate impact on cleaning up the toxic waste spill.

Sam, if these bags prove to be needed by FEMA your cost per bag is \$2.80 each (1,600,000 Water Activated bags – breakdown chart below). I look forward to hearing from you. thanks Bill Houlehan 800-669-0903

O'Shea Ltd (Inc) is registered at SAM.gov

I was told that Water Conservationist Specialists in your state will be very interested in our Water Activated Bags to remove Toxic waste in Animas River? Please review information on our Water Activated bags and share information with Conservation Specialists in your area.

Our Water Activated Flood Prevention bags are vital to protect property but they might have a greater use after they are activated for 2 reasons:

1. Retaining water on plants for longer period of time. We have had a couple of Researchers tell us that the water-holding capacity of this bag has considerable irrigation value in dry growing areas of United States, the gel will remain for longer period of time and acts a deliberate soil amendment. Please let me know what Agricultural contacts I might reach in your State or please forward to any Growers for their viewing should they have their own research department. If research determines that growers will be able to keep moisture(water) on their plants for longer period of time while removing Toxic waste by spreading out our Water Activated Bags (Gel) then this would also be a great thing for all Farmers to use when there are drought conditions existing.
2. Also we have also been told that our Water Activated bags can be used to remove Phosphorus and Toxic Waste as the result of the high nutrient levels in discharge water that are causing blue-green algae blooms in reservoirs throughout the United States, we were told that removing it is going to be an expensive problem to solve. It has been brought to our attention that Phosphorus might attach to the media particles from our Water Activated Bags after they are deployed. Please refer our company to anyone within your State or at Central US Lab to see if there is interest to purchase some of our Water Activated bags in hopes that you can test our bags and solve a problem in the reservoirs immediately and in an inexpensive way.

Please give me your thoughts and please view our information below with 8 minute video at our Emergency site listed below. We have 1,600,000 of these Water Activated bags in inventory and ready to ship.

O'Shea Ltd (Emergency Services) has been in business since 1975 and we believe our Flood

Prevention bags will serve as a Rapid Response for your Utility Responders when you need to assist your community in Flood situation caused by break of a pipeline (similar to what happened in Los Angeles last summer) or weather disaster .

These Water Activated Flood prevention bags are perfect to spread out around area where they might be a possible leak in levee they immediately absorb any water and then act as protective Sand Bag (No Sand just collected Flood Water) immediately, they fill up with water in 2 minutes and will remain active to protect flood area until all water has receded.

Please view our 8 minute video to see how effective these Water Activated Flood Prevention bags are in protecting your home by putting these bags under door entrances in low lying areas or under garage doors and also by spreading these bags out in Utility Construction areas where if water comes into area the bags fill up in 2 minutes and will protect area from further water damage while collecting the water immediately into the bags, each bag depending upon size gathers up 5 to 10 gallons of water in 2 minutes.

There are approximately 1,600,000 Flood Prevention bags (pictures above)- this would be 76 Truckloads , 20,800 Flood Bags per truck and depending on size of Flood Bags you will be able to eliminate between 100,000 to 200,000 Gallons of Water within minutes with each truckload of Flood Prevention bags, please read below to see how this is done.

The Water Activating agent that is in each Flood bag is a water absorbent polymer which in fact can be used as a source of aeration for grass and plants after Flood bags have been used (they are 100% biodegradable).

**Your cost \$1.80 per Bag FOB Kansas City (we can give you delivered price once we receive order- we can ship by UPS, LTL by the Pallet or Truckload).**

Name	Qty	Dimensions & Cost
FB bags	729,000 available	size dimensions 25 ½ " L x 14" W) 25 per case x \$2.80
RPD (Snake Style) bags	156,400 available	(size dimensions 97" L x 8" W ) 30 per case x \$2.80

Flood Kits	85,000 Kits	(Each Kit has 6 FB Bags & 2 RPD Bags for total of 680,000 bags) 8 per kit x \$2.80
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**Total Flood bags** 729,000 + 156,400 + 680,000 = 1,565,000 Flood Bags

You can view an 8 minute National Guard video at our website ( [www.OSheaEmergency.com](http://www.OSheaEmergency.com) ) showing how they redirect water by using our Water Activated Flood Prevention bags, whether it is a Weather related disaster or an occurrence such as the recent water main break in Los Angeles which dumped 8 million gallons of water in 11 hours and then into second day as much as 20 million gallons. If Los Angeles had these bags in stock they could have delivered these Flood Bags to disaster scene to immediately begin the process of eliminating the water and saving millions of dollars in damage, these Flood bags fill up in 2 minutes.

Every City should have a supply of our Flood Prevention bags in their Emergency Stock and when you view this short video I think you will see importance of what would have happened if they had been able to immediately access these bags (these bags fill up in less than 2 minutes). Every City in the United States has a central worry and that is the condition of the Infrastructure of our City Utilities and if a Water Pipe breaks then the next thing is "What do we do with this excess water?". That is where our Water Activated Flood Bags come in to play, and each bag will absorb the water in 2 minutes (4 to 10 gallons per bag depending on size of bag) These Flood bags help redirect and contain the water from further damaging other Utilities (gas, electricity and roads), protect against public & private property damage, and the process that used to take 20 men with shovels filling sandbags can now be handled by one man and a pick-up truck full of flood bags. The ability to deploy these bags at a moment's notice would give your city the opportunity to prevent millions of dollars in damages, and hazards that would endanger lives!

**This product is also completely biodegradable and environmentally safe. Besides flooding it is also excellent for chemical spills.**

Below is breakdown of how many gallons of water are eliminated immediately with the quantity of bags we have available:

Bag 1,239,000 Flood bags	Dimensions 25 ½" x 14"	Water absorbed by bag. will absorb 4 gallons of water into bag in 2 minutes = 5,000,000 gallons of water(filling Flood bags in 2 minutes).
326,000 RPD Flood Bags	97" x 8"	will absorb 10 gallons of water into bag in 2 minutes

= 3,260,000 gallons of water  
(filling Flood Bag in 3 minutes).

Thank you,

Brendan Houlehan and Bill Houlehan

800-669-0903 or 816-531-1177 (24 hrs.)

[www.OSheaLtd.com](http://www.OSheaLtd.com) (Wholesale) & [www.OSheaEmergency.com](http://www.OSheaEmergency.com) (Emergency Services)

O'Shea, Ltd has been in business since 1975 located in Kansas City, Missouri

We are registered on SAM.gov under O'Shea Inc (Small Business)